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#1059, MIG-A Sector, Opp. Railwheel Factory,
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Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 28-12-2020

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	21-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	28-12-2020
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	21-12-2020	28-12-2020	150x150x150	22500	468	15.23	15.57
2	Footing	M20	21-12-2020	28-12-2020	150x150x150	22500	466	15.65	
3	Footing	M20	21-12-2020	28-12-2020	150x150x150	22500	471	15.84	

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Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 28-12-2020

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	21-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	28-12-2020
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	21-12-2020	28-12-2020	150x150x150	22500	471	14.25	14.20
2	Footing	M20	21-12-2020	28-12-2020	150x150x150	22500	469	14.11	
3	Footing	M20	21-12-2020	28-12-2020	150x150x150	22500	474	14.23	

Remarks :

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IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 28-12-2020

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	21-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	28-12-2020
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	21-12-2020	28-12-2020	150x150x150	22500	463	15.25	15.49
2	Footing	M20	21-12-2020	28-12-2020	150x150x150	22500	461	15.48	
3	Footing	M20	21-12-2020	28-12-2020	150x150x150	22500	466	15.74	

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Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 30-12-2020

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	23-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	30-12-2020
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	460	14.12	14.58
2	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	458	14.65	
3	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	463	14.98	

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Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	23-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	30-12-2020
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	458	15.25	15.40
2	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	456	15.62	
3	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	461	15.34	

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Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 30-12-2020

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	23-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	30-12-2020
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	450	14.25	15.04
2	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	448	15.23	
3	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	453	15.65	

Remarks :

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Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) — **Date: 30-12-2020**

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	23-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	30-12-2020
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	458	14.28	14.57
2	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	456	14.69	
3	Footing	M20	23-12-2020	30-12-2020	150x150x150	22500	461	14.75	

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Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 31-12-2020

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	24-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	31-12-2020
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	451	14.25	14.96
2	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	449	14.98	
3	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	454	15.65	

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Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	24-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	31-12-2020
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	450	15.20	15.42
2	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	448	15.65	
3	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	453	15.42	

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Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5)	Date: 31-12-2020

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	24-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	31-12-2020
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	450	14.25	14.66
2	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	448	14.98	
3	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	453	14.76	

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Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	24-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	31-12-2020
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	450	14.56	15.07
2	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	448	14.68	
3	Footing	M20	24-12-2020	31-12-2020	150x150x150	22500	453	15.97	

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Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 02-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	26-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	02-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	452	15.24	15.40
2	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	450	15.63	
3	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	455	15.32	

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Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	26-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	02-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	456	14.12	15.02
2	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	454	15.32	
3	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	459	15.63	

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Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	26-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	02-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	452	15.23	15.54
2	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	450	15.75	
3	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	455	15.65	

Remarks :

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